IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s) : Guillermo J. TEARNEY et al.

Appln. Serial No. : 10/551,735

Filed : September 29, 2005

Entitled : SPECKLE REDUCTION IN OPTICAL COHERENCE

TOMOGRAPHY BY PATH LENGTH ENCODED

ANGULAR COMPOUNDING

Group Art Unit : 2877

Examiner : Samuel A. Turner

Confirmation No. : 6550

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

AMENDMENT AND RESPONSE TO FINAL OFFICE ACTION

Sir:

This paper is filed in response to a final Office Action dated December 17, 2007. Prior to further examination, please amend the application, and consider the remarks as set forth herein below.

IN THE CLAIMS:

Please cancel claim 22, amend claims 4, 12-14, 18, 28 -31 and 33-35, and add new claim 36, as provided below in the associated claim listing on separate sheets: